

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 02/27/02 are

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or

Color (3 sets required)

☐ Color drawings are not acceptable until petition is granted. Fig(s)☐ Pencil and non black ink not permitted. Fig(s)**2. PHOTOGRAPHS.** 37 CFR 1.84(b)☐ 1 full-tone set is required. Fig(s)☐ Photographs may not be mounted. 37 CFR 1.84(c)☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s)☐ Poor quality (half-tone). Fig(s)**3. TYPE OF PAPER.** 37 CFR 1.84(e)☐ Paper not flexible, strong, white, and durable Fig(s)☐ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted.

Fig(s)

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4) or

21.6cm by 27.9cm (8 1/2x 11 inches)

☐ All drawing sheets not the same size.

Sheet(s)

☐ Drawings sheets not an acceptable size. Fig(s)**5. MARGINS.** 37 CFR 1.84(g): Acceptable margins.

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☐ Margins not acceptable. Fig(s)☐ Top (T) Left (L)☐ Right (R) Bottom (B)**6. VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly.

Fig(s)

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s)

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s)

9. SCALE. 37 CFR 1.84(k)

☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s)

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)

☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 15, 20-24, 34, 36

11. SHADING. 37 CFR 1.84(m)☐ Solid black areas pale. Fig(s)☐ Solid black shading not permitted. Fig(s)**12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)

☐ Numbers and reference characters not plain and legible. Fig(s)

☐ Figure legends are poor. Fig(s)

☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s)

☐ English alphabet not used. 37 CFR 1.84(p)(2)

Fig(s)

☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s)

13. LEAD LINES. 37 CFR 1.84(q)☐ Lead lines missing. Fig(s)**14. NUMBERING OF SHEETS OF DRAWINGS.**

37 CFR 1.84(r)

☐ Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s)

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s)

16. DESIGN DRAWINGS. 37 CFR 1.152☐ Surface shading shown not appropriate.

Fig(s)

☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s)

COMMENTS:Reviewer LAM

If you have questions, call (703) 305-8404.

Date 09/29/03 5Attachment to Paper No. 5